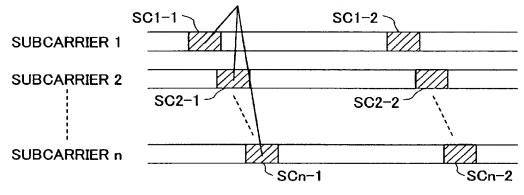
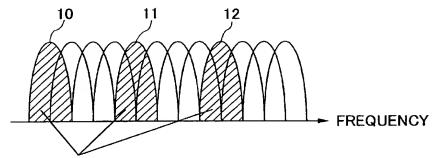


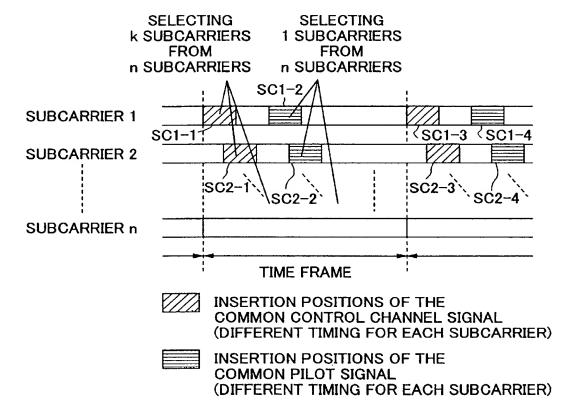
COMMON CONTROL CHANNEL SIGNAL AND COMMON PILOT SIGNAL ARE INSERTED TO COMMUNICATION CHANNELS OF SUBCARRIERS, TIME-DIVISION MULTIPLEXED WITH INFORMATION SIGNAL

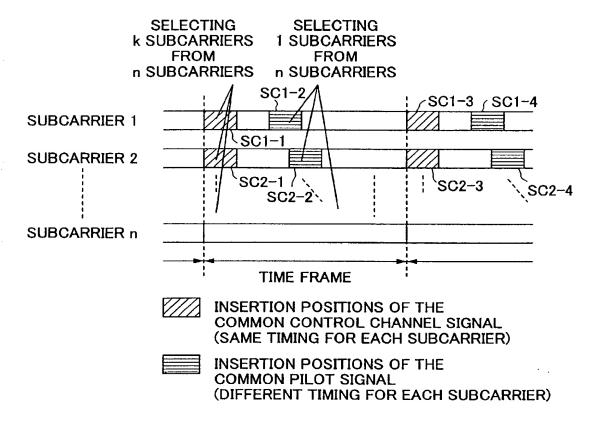


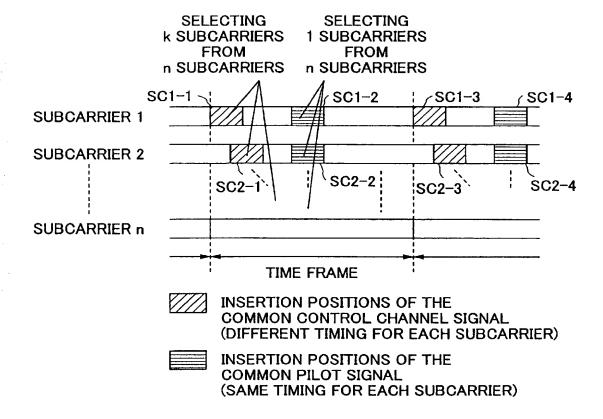
INSERTION POSITIONS OF THE COMMON CONTROL CHANNEL SIGNAL AND THE COMMON PILOT SIGNAL

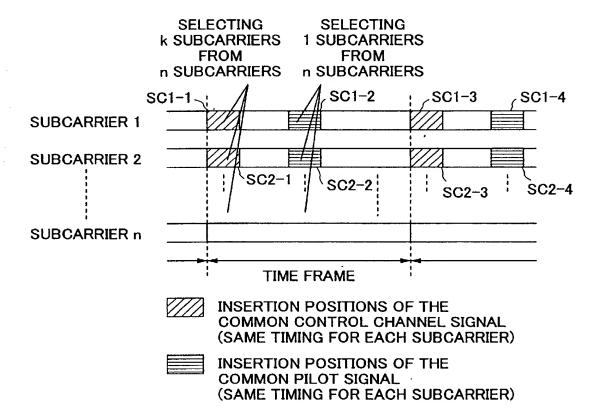


THE COMMON CONTROL CHANNEL SIGNAL AND THE COMMON PILOT SIGNAL ARE FREQUENCY—MULTIPLEXED WITH THE INFORMATION SIGNAL TO BE INSERTED TO SELECTED SUBCARRIERS

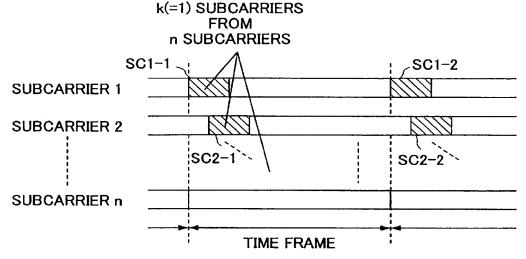






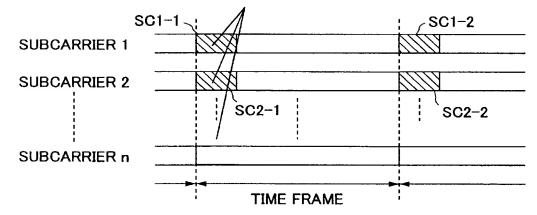


SELECTING

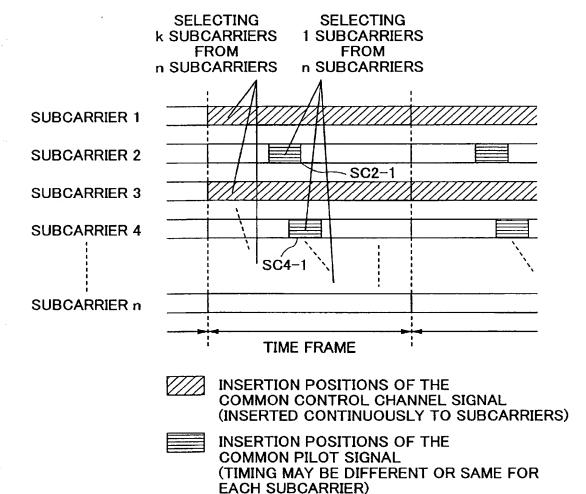


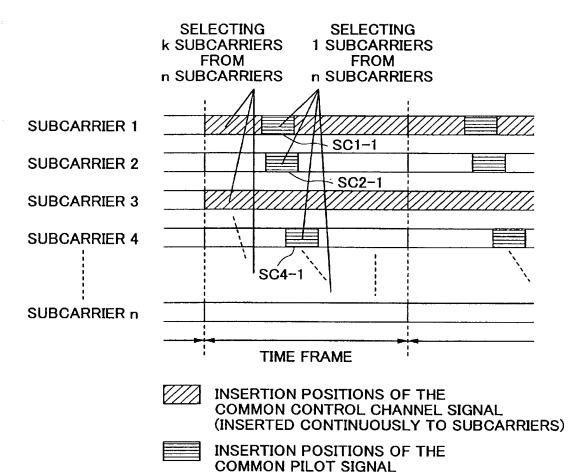
INSERTION POSITIONS OF THE COMMON CONTROL CHANNEL SIGNAL AND THE COMMON PILOT SIGNAL AS A PAIR (DIFFERENT TIMING FOR EACH SUBCARRIER)

SELECTING k(=1) SUBCARRIERS FROM n SUBCARRIERS



INSERTION POSITIONS OF THE COMMON CONTROL CHANNEL SIGNAL AND THE COMMON PILOT SIGNAL AS A PAIR (SAME TIMING FOR EACH SUBCARRIER)



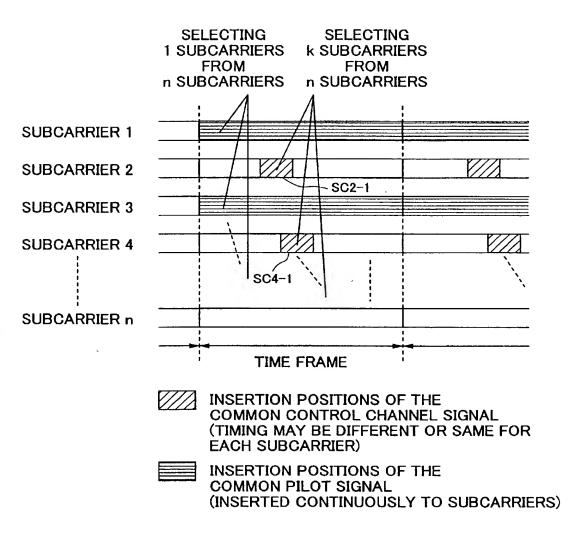


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EACH SUBCARRIER)

(TIMING MAY BE DIFFERENT OR SAME FOR

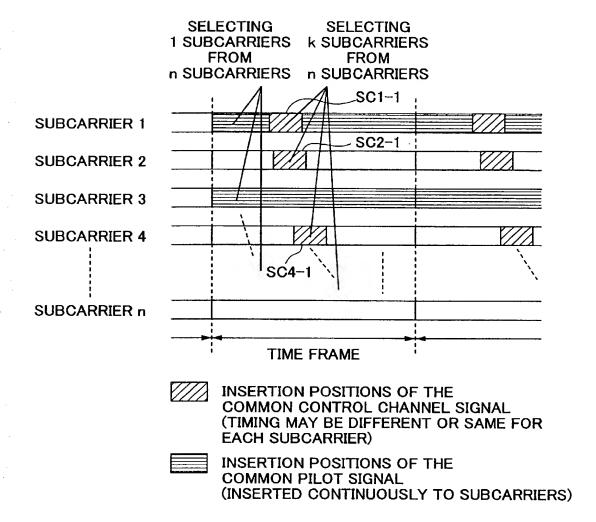


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